Name _____

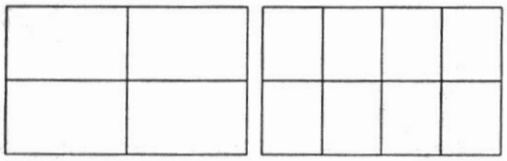
3.NF.3a

Using Models to Write Equivalent Fractions

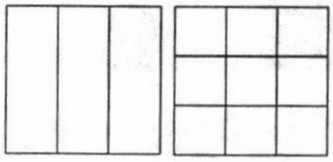
SKILLS

Use the shapes to show that each pair of fractions are equivalent.

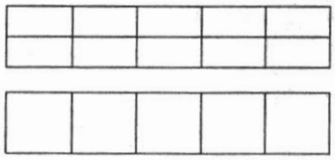
1. Show that $\frac{3}{4}$ and $\frac{6}{8}$ are equivalent.



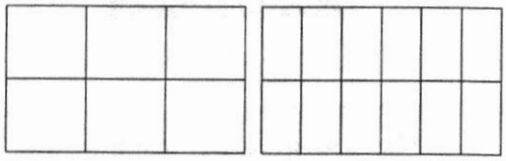
2. Show that $\frac{2}{3}$ and $\frac{6}{9}$ are equivalent.



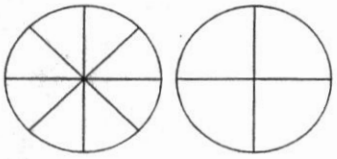
3. Show that $\frac{6}{10}$ and $\frac{3}{5}$ are equivalent.



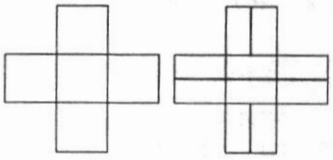
4. Show that $\frac{3}{6}$ and $\frac{6}{12}$ are equivalent.



5. Show that $\frac{2}{8}$ and $\frac{1}{4}$ are equivalent.



6. Show that $\frac{2}{5}$ and $\frac{4}{10}$ are equivalent.



7. Are $\frac{1}{3}$ and $\frac{3}{6}$ equivalent?

YES NO

8. Are $\frac{2}{7}$ and $\frac{5}{14}$ equivalent?

YES NO

9. Are $\frac{1}{2}$ and $\frac{6}{12}$ equivalent?

YES NO

10. Are $\frac{4}{5}$ and $\frac{8}{10}$ equivalent?

YES NO

11. Are $\frac{3}{4}$ and $\frac{7}{8}$ equivalent?

YES NO

12. Are $\frac{8}{12}$ and $\frac{2}{3}$ equivalent?

YES NO

13. Are $\frac{3}{8}$ and $\frac{6}{12}$ equivalent?

YES NO

14. Are $\frac{5}{10}$ and $\frac{1}{2}$ equivalent?

YES NO

15. Are $\frac{1}{7}$ and $\frac{2}{14}$ equivalent?

YES NO

16. Are $\frac{2}{9}$ and $\frac{4}{16}$ equivalent?

YES NO

Name _____

3.NF.3a

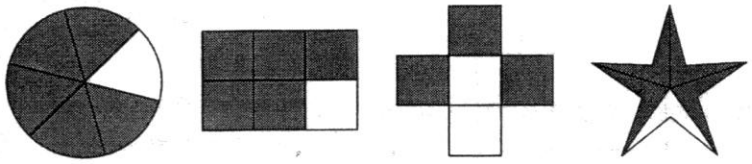
Using Models to Write Equivalent Fractions

CRITICAL THINKING AND PROBLEM SOLVING

Circle the two models in each row that show the same fraction. Write the fraction on the line.

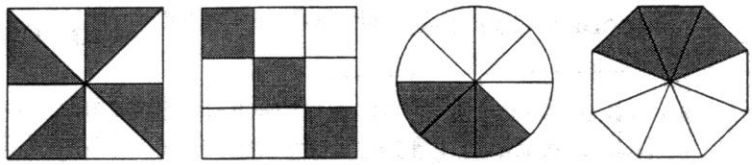
17. The fraction

is _____.



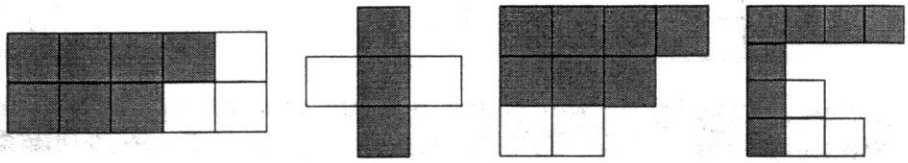
18. The fraction

is _____.



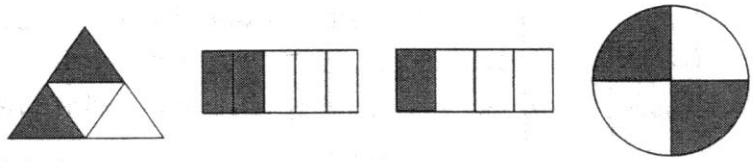
19. The fraction

is _____.



20. The fraction

is _____.



21. You eat half of a medium pizza and your brother eats the same amount. Which fraction gives the amount your brother ate?

a. $\frac{5}{8}$ **b.** $\frac{3}{5}$ **c.** $\frac{4}{8}$ **d.** $\frac{3}{8}$

22. You answered $\frac{5}{6}$ of your quiz problems correctly on Tuesday. On Friday you got the same amount correct. Which fraction gives the amount you answered correctly on Friday?

a. $\frac{5}{8}$ **b.** $\frac{6}{12}$ **c.** $\frac{6}{9}$ **d.** $\frac{15}{18}$

23. You run $\frac{2}{3}$ mile. Your friend runs the same distance. Which fraction gives the distance your friend ran?

a. $\frac{4}{9}$ **b.** $\frac{6}{9}$ **c.** $\frac{2}{5}$ **d.** $\frac{9}{12}$